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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/769,759	02/03/2004	Satoshi Kouchiyama	01-546	8912

23400 7590 03/24/2005

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RESTON, VA 20190

EXAMINER

NGUYEN, CUONG H

ART UNIT	PAPER NUMBER
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3661

DATE MAILED: 03/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

**Application No.**

10/769,759

**Applicant(s)**

KOUCHIYAMA, SATOSHI

**Examiner**

CUONG H. NGUYEN

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**– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 December 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

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#### DETAILED ACTION

1. This is the answer for a communication filed on 12/21/2004. Claims 1-22 are pending (new claims 17-22 are added).

#### *Response to Amendment*

2. Applicant's request for reconsideration of the rejection of the last Office action. The arguments are persuasive; therefore, the rejection mailed on 8/24/2004 is withdrawn.

#### **Claim Rejections - 35 USC § 103**

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office Action:

*(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.*

3. Claims 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over DeLorme et al. (US Pat. 5,802,492).

A. As per independent claims 1, 11, and 14: DeLorme et al. teach a navigational system, a method, and a service provider, comprising:

DeLorme et al. do not expressly disclose a sign board comprising an exit number and related POI.

However, the examiner respectfully submits that a "pop-up" window (for Restaurant: Burlington, VT) in Fig.1L would display extra information about "Déjà vu Café Grill", e.g., having an ATM etc. besides displaying text on menu, related landmark, and

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price ranking of that restaurant - therefore, it is obvious to include an information of exit number in that pop-up window for Déjà vu Café & Grill. It is also obvious if the search is about an exit number on I-66, then the search result of that found exit having pop-up window containing Déjà vu Café & Grill with an ATM.

It would have been obvious to one of ordinary skill in the art at the time of invention to implement the idea of DeLorme et al. with a supplemental item (e.g., a restaurant having an ATM) because it helps a driver to recognize immediately which restaurant to stop for all his needs.

B. As for dependent claims 17-22: These claims are directed to a system, with supplemental items comprise available facilities and services (e.g., gas stations having restrooms).

C. As for dependent system claim 2: the control means searches for the point of interest in a category specified by an input from the user (Figs. 2, 5 (ref.38), Fig.6 and col. 5 line 66 - col. 6 line 43).

D. As for dependent system claim 3: the control means only displays the searched exit on the display means (col. 6, lines 5-9).

E. As for dependent system claim 4: the control means displays the searched exit on the display means in a manner that the

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searched exit is distinguishable from other exits (Fig.1 (a) - "EXIT ##", and col. 6, lines 10-18).

F. As for dependent system claim 5: the control means displays information regarding the supplemental item on the display means (Fig.5 ref. 38 and col. 6, lines 10-18).

G. As for dependent system claims 6-7: the control means displays the searched exit on the display means when the distinguishable searched exit is located ahead of the current position of the vehicle (col. 6, lines 25-34).

H. As for dependent system claims 8-9, 15: the control means displays the searched exit on the display means when the point of interest is located within a predetermined distance from the distinguishable searched exit (the abstract, and col. 6, lines 10-18).

I. As for dependent system claims 10, 13, and 16: the control means (Fig.5, ref. 38) searches a route to the searched point of interest and displays the route on the display means (Fig.1a, and col. 6, lines 35-38).

J. As for dependent system claim 12: the control means displays the point of interest on the display means when the point of interest is located within a predetermined distance from the current position (col. 6, lines 10-18).

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CUONG H. NGUYEN whose telephone number is 703-305-4553. The examiner can normally be reached on 7:15am - 3:45pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, THOMAS G. BLACK can be reached on 703-305-8233. The fax phone number for the organization where this application is assigned is 703-305-7687. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Cuong H. Nguyen*

*CHN*  
CUONG H. NGUYEN  
Primary Examiner  
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